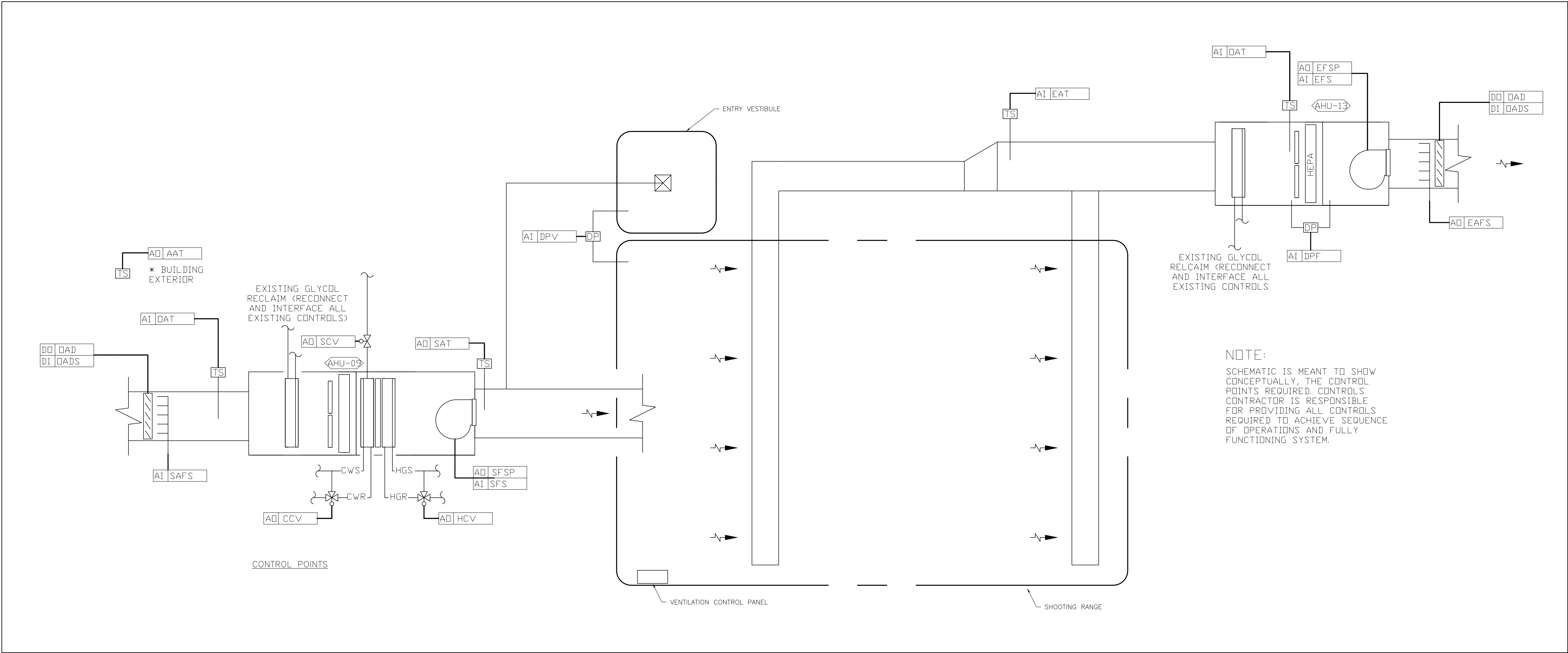


VENTILATION CONTROLS POINTS

POINT	DESIGNATION	TYPE	HARDWARE
SFS	SUPPLY FAN STATUS	AI	VARIABLE FREQUENCY DRIVE
SFSP	SUPPLY FAN SPEED	AO	VARIABLE FREQUENCY DRIVE
HCV	HEATING CONTROL VALVE	AO	CONTROL VALVE
CCV	COOLING CONTROL VALVE	AO	CONTROL VALVE
OAT	OUTSIDE AIR TEMPERATURE	AI	TEMPERATURE SENSOR
OAD	OUTSIDE AIR DAMPER	DO	DAMPER ACTUATOR
OADS	OUTSIDE AIR DAMPER END SWITCH	DI	DAMPER ACTUATOR END SWITCH
AAT	AMBIENT AIR TEMPERATURE	AI	TEMPERATURE SENSOR
SAT	SUPPLY AIR TEMPERATURE	AO	TEMPERATURE SENSOR
SAFS	SUPPLY AIR AIR FLOW SENSOR	AI	FLOW SENSOR
SCV	STEAM CONTROL VALVE	AO	CONTROL VALVE
EFS	EXHAUST FAN STATUS	AI	VARIABLE FREQUENCY DRIVE
EFSP	EXHAUST FAN SPEED	AO	VARIABLE FREQUENCY DRIVE
EAD	OUTSIDE AIR DAMPER	DO	DAMPER ACTUATOR
EADS	OUTSIDE AIR DAMPER END SWITCH	DI	DAMPER ACTUATOR END SWITCH
EAT	EXHAUST AIR TEMPERATURE	AI	TEMPERATURE SENSOR
EAFS	EXHAUST AIR AIR FLOW SENSOR	AI	FLOW SENSOR
DPF	FILTER DIFF. PRESSURE	AO	DIFF PRESSURE SENSOR
DPV	DIFF. PRESSURE VESTIBULE	AO	DIFF PRESSURE SENSOR

RECLAIM COIL SCHEDULE

TAG	SERVES	FACE SIZE		TUBE SIZE		ROWS	FINS PER		AIR SIDE				HEATING OUTPUT		FLUID SIDE				NOTES											
		WIDTH	HEIGHT	(mm)	(in.)		(mm)	(in.)	FLOW RATE	PRESS. DROP	AIR TEMP.	ENT. TEMP.	LVG. TEMP.	FLOW RATE	PRESS. DROP	ENT. TEMP.	LVG. TEMP.	CONN'S												
																				(mm)	(in.)	(mm)	(in.)	(L/s)	(CFM)	(Pa)	(in.WC)	(°C)	(°F)	(°C)
AHU-09	FIRING RANGE	1,600	63	2,134	84.0	1	0.020	2	394	10	8,590	18,200	52	0.21	-34.4	-30.0	21.1	70.0	117.6	401.3	5,995	95.0	54.9	18.4	1.4	34.5	-4.0	24.8	64	2.5



1 HVAC - CONTROLS SCHEMATIC
M1.3 M1.3 NOT TO SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

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No. 5539 Date: 04/30/2015

PROFESSIONAL ENGINEER
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5		
4		
3		
2	ISSUED FOR CONSTRUCTION	FEB 23/15
1	ISSUED FOR 95% REVIEW	DEC 22/14
0	ISSUED FOR 50% REVIEW	OCT 29/14
Revision	Description	Date

Client client

ROYAL CANADIAN MOUNTED POLICE D-DIVISION
1091 PORTAGE AVENUE WINNIPEG, MANITOBA

Project Projet
WINNIPEG, MANITOBA
1091 PORTAGE AVENUE
D-DIVISION HEADQUARTERS
FIRING RANGE UPGRADE

Designed by Conçu par
DH/RR

Drawn by Dessiné par
RR

Approved by Approuvé par
DH

PWGSC Project Manager Administrateur de Projets TPSGC
PAUL DUCHARME

Drawing title Titre du dessin
HVAC - CONTROLS SCHEMATIC

Project no./No. du projet Drawing no./No. du dessin Revision no.

M1.2
OF 04 0